IN THE CLAIMS:

Please amend claims 12 and 53 as follows:

12. (Amended) A general purpose programmable media processor having an instruction path and a data path to digitally process a plurality of media data streams, comprising:

a high bandwidth external interface operable to receive a plurality of data of various sizes from an external source and communicate the received data over the data path at a rate that maintains substantially peak operation of the media processor;

at least one register file configurable to receive and store data from the data path and to communicate the stored data to the data path; and

a multi-precision execution unit coupled to the data path, the multi-precision execution unit configurable to dynamically partition data received from the data path to account for the elemental symbol [size] width of the plurality of media data streams, said elemental symbol width being equal to or narrower than the data path, and programmable to operate on the data to generate a unified symbol output to the data path.

53. (Amended) A parallel multi-processor system that maintains substantially peak data throughput in the unified execution of [multiple] a plurality media data streams, the system having a data path, comprising:

at least one high bandwidth external interface, the at least one high bandwidth external interface coupled to the data

path and operable to receive a plurality of data of various sizes from an external source and communicate the received data over the data path at a rate that maintains substantially peak operation of the parallel multi-processor system;

a plurality of register files, each register file having at least one general purpose register coupled to the data path and operable to store a working set of media data received from the data path and to communicate the stored data to the data path; and

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at least one multi-precision execution unit coupled to the data path, the at least one multi-precision execution unit [dynamically] configurable to dynamically partition data within [a] the working set of media data received from the data path to account for the elemental symbol [size] width of the plurality of media data streams, said elemental symbol width being equal to or narrower than the data path, and programmable to operate in parallel on [working sets of data stored in the plurality of register files] the dynamically partitioned data to generate a unified symbol output for each register file.

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